

Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (PART I) (Use as many sheets as necessary)				Complete if Known	
				Application Number	10/706,484
				Filing Date	12 November 2003
				First Named Inventor	Graydon Ernest Beatty
				Art Unit	3739
				Examiner Name	Lee S. Cohen
				Attorney Docket Number	0G-040023US
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U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
	US1	3,954,098	05-04-1976	Dick <i>et al.</i>	
	US2	4,173,228	11-06-1979	Van Steenwyk, <i>et al.</i>	
	US3	4,304,239	12-08-1981	Perlin	
	US4	4,380,237	04-19-1983	Newbower	
	US5	4,431,005	02-14-1984	McCormick	
	US6	4,444,195	04-24-1984	Gold	
	US7	4,478,223	10-23-1984	Allor	
	US8	4,559,951	12-24-1985	Dahl <i>et al.</i>	
	US9	4,572,186	02-25-1986	Gould <i>et al.</i>	
	US10	4,572,206	02-25-1986	Geddes <i>et al.</i>	
	US11	4,573,473	03-04-1986	Hess	
	US12	4,613,866	09-23-1986	Blood	
	US13	4,628,937	12-16-1986	Hess <i>et al.</i>	
	US14	4,641,649	02-10-1987	Walinsky <i>et al.</i>	
	US15	4,674,518	06-23-1987	Salo	
	US16	4,697,595	10-06-1987	Breyer, <i>et al.</i>	
	US17	4,706,670	11-17-1987	Andersen <i>et al.</i>	
	US18	4,721,115	01-26-1988	Owens	
	US19	4,777,955	10-18-1988	Brayton <i>et al.</i>	
	US20	4,821,731	04-18-1989	Martinelli, <i>et al.</i>	
	US21	4,840,182	06-20-1989	Carlson	

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	FP1				
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	FP8				
	FP9				

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	US22	4,890,623	01-02-1990	Cook <i>et al.</i>	
	US23	4,898,176	02-06-1990	Petre	
	US24	4,898,181	02-06-1990	Kessler	
	US25	4,899,750	02-13-1990	Ekwall	
	US26	4,940,064	07-10-1990	Desai	
	US27	4,945,305	07-31-1990	Blood	
	US28	4,945,342	07-31-1990	Steinemann	
	US29	4,951,682	08-28-1990	Petre	
	US30	5,000,190	03-19-1991	Petre	
	US31	5,005,587	04-09-1991	Scott	
	US32	5,029,588	07-09-1991	Yock <i>et al.</i>	
	US33	5,042,486	08-27-1991	Pfeiler, <i>et al.</i>	
	US34	5,054,492	10-08-1991	Scribner, <i>et al.</i>	
	US35	5,054,496	10-08-1991	Wen, <i>et al.</i>	
	US36	5,056,517	10-15-1991	Fenici	
	US37	5,058,583	10-22-1991	Geddes <i>et al.</i>	
	US38	5,081,993	01-21-1992	Kitney, <i>et al.</i>	
	US39	5,090,411	02-25-1992	Higuchi	
	US40	5,158,092	10-27-1992	Glace	
	US41	5,161,536	11-10-1992	Vilkomerson, <i>et al.</i>	

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	US42	5,211,165	05-18-1993	Dumoulin, <i>et al.</i>	
	US43	5,220,924	06-22-1993	Frazin	
	US44	5,228,442	07-20-1993	Imran	
	US45	5,237,996	08-24-1993	Waldman <i>et al.</i>	
	US46	5,255,678	10-26-1993	Deslauriers <i>et al.</i>	
	US47	5,273,038	12-28-1993	Beavin	
	US48	5,282,471	02-01-1994	Sato	
	US49	5,295,484	03-22-1994	Marcus, <i>et al.</i>	
	US50	5,323,781	06-28-1994	Ideker, <i>et al.</i>	
	US51	5,324,284	06-28-1994	Imran	
	US52	5,305,745	04-26-1994	Zacouto	
	US53	5,325,860	07-05-1994	Seward, <i>et al.</i>	
	US54	5,341,807	08-30-1994	Nardella	
	US55	5,345,936	09-13-1994	Pomeranz <i>et al.</i>	
	US56	5,360,006	11-01-1994	Geiser <i>et al.</i>	
	US57	5,372,138	12-13-1994	Crowley, <i>et al.</i>	
	US58	5,377,678	01-03-1995	Dumoulin, <i>et al.</i>	
	US59	5,385,146	01-31-1995	Goldreyer	
	US60	5,391,199	02-21-1995	Ben-Haim	
	US61	5,409,000	04-25-1995	Imran	

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	FP19					
	FP20					
	FP21					
	FP22					
	FP23					
	FP24					
	FP25					
	FP26					
	FP27					

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Sheet		4	of	5	Filing Date 12 November 2003 First Named Inventor Graydon Ernest Beatty Art Unit 3739 Examiner Name Lee S. Cohen Attorney Docket Number 0G-040023US

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	US62	5,433,198	07-18-1995	Desai	
	US63	5,458,126	10-17-1995	Cline <i>et al.</i>	
	US64	5,553,611	09-10-1996	Budd <i>et al.</i>	
	US65	5,551,426	09-03-1996	Hummel <i>et al.</i>	
	US66	5,558,091	09-24-1996	Acker, <i>et al.</i>	
	US67	5,588,432	12-31-1996	Crowley	
	US68	5,601,084	02-11-1997	Sheehan <i>et al.</i>	
	US69	5,622,174	04-22-1997	Yamazaki	
	US70	5,662,108	09-02-1997	Budd <i>et al.</i>	
	US71	5,669,382	09-23-1997	Curwen <i>et al.</i>	
	US72	5,687,737	11-18-1997	Branham, <i>et al.</i>	
	US73	5,697,377	12-16-1997	Wittkampf	
	US74	5,701,897	12-30-1997	Sano	
	US75	5,713,363	02-03-1998	Seward, <i>et al.</i>	
	US76	5,722,402	03-03-1998	Swanson <i>et al.</i>	
	US77	5,738,096	04-14-1998	Ben-Haim	
	US78	5,797,396	08-25-1998	Geiser <i>et al.</i>	
	US79	5,824,005	10-20-1998	Motamedi <i>et al.</i>	
	US80	5,840,031	11-24-1998	Crowley	
	US81	5,846,198	12-08-1998	Killmann	

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	FP28				
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	US82	5,848,972	12-15-1998	Triedman <i>et al.</i>	
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	US84	5,908,446	06-01-1999	Imran	
	US85	6,004,269	12-21-1999	Crowley, <i>et al.</i>	
	US86	6,095,976	08-01-2000	Nachtomy <i>et al.</i>	
	US87	6,603,996	08-05-2003	Beatty, <i>et al.</i>	
	US88				
	US89				
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	US94				
	US95				
	US96				
	US97				
	US98				
	US99				
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	FP38					
	FP39					
	FP40					
	FP41					
	FP42					
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NON PATENT LITERATURE DOCUMENTS			
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	NPL1	ARISI, G., <i>et al.</i> , "Localization Of Ectopic Ventricular Focuses By Means Of A Diameter Multielectrode Catheter," <i>Advances in Electrophysiology</i> , Elsevier Science Publishers B.V. (Biomedical Division), Z. Antaloczy <i>et al.</i> , editors, pp. 67-70 (1990).	
	NPL2	BRANHAM B., <i>et al.</i> , "A System For Accurate Interactive 3-D Display Of Cardiac Electrical Activity," <i>Computers in Cardiology</i> , IEEE Computer Society Press 0276-6547/92, pp. 335-338 (Oct. 11-14, 1992).	
	NPL3	BREYER, B. and CIKES, I., "Ultrasonically Marked Catheter - A Method For Positive Echographic Catheter Position Identification," <i>Med. & Biol. Eng. & Comput.</i> , 22:268-271 (May 1984).	
	NPL4	BUCKLES, D., <i>et al.</i> , "Computer-Enhanced Mapping Of Activation Sequences In The Surgical Treatment Of Supraventricular Arrhythmias," <i>PACE</i> , Vol. 13, Part I, pp. 1401-1407 (November 1990).	
	NPL5	CIKES, I., <i>et al.</i> , "Cardiac Catheterisation Guided By Ultrasound," <i>Journal of the American College of Cardiology</i> , Vol. 3, No. 2, p. 564 (February 1984).	
	NPL6	CIKES, I. and BREYER, B., "Complete Cardiac Catheterisation Guided By Ultrasound," <i>European Heart Journal</i> , vol. 4 (suppl. E), p. 21 (1983).	
	NPL7	CIKES, I., "Interventional Echocardiography," <i>5th Symposium on Echocardiography</i> , Rotterdam, Abstracts p. 38 (1983).	
	NPL8	CIKES, I., <i>et al.</i> , "Interventional Echocardiography," <i>Interventional Ultrasound</i> , 1st edition, chapter 25, Munksgaard, Copenhagen, pp. 160-168 (1985).	
	NPL9	COX, J., <i>et al.</i> , "Surgery For Atrial Fibrillation," <i>Cardiac Surgery: State of the Art Reviews</i> , Vol. 4, No. 1, pp. 207-217 (1990).	
	NPL10	De BAKKER, J., <i>et al.</i> , "Endocardial Mapping By Simultaneous Recording Of Endocardial Electrograms During Cardiac Surgery For Ventricular Aneurysm," <i>Journal of American College of Cardiology</i> , Vol. 2, No. 5, pp. 947-53 (Nov. 1983).	
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	NPL11	DERFUS, D. and PILKINGTON, T., "Assessing The Effect Of Uncertainty In Intracavitary Electrode Position On Endocardial Potential Estimates," <i>IEEE Transactions on Biomedical Engineering</i> , Vol. 39, No. 7, pp. 676-681 (July 1992).	
	NPL12	DERFUS, D., <i>et al.</i> , "Calculating Intracavitary Potentials from Measured Endocardial Potentials," <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society</i> , Vol. 12, No. 2, p. 635 (1990).	
	NPL13	DERFUS, D., <i>et al.</i> , "A Comparison of Measured and Calculated Intracavitary Potentials for Electrical Stimuli in the Exposed Dog Heart," <i>IEEE Transactions on Biomedical Engineering</i> , Vol. 39, No. 11, pp. 1192-1206 (Nov. 1992).	
	NPL14	DERFUS, D. and PILKINGTON, T., "Effect Of Intracavitary Electrode Position On Endocardial Potential Estimates," <i>IEEE Engineering in Medicine & Biology Society 10th Annual International Conference</i> , pp. 185-186 (1988).	
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	NPL16	DOWNAR, E., <i>et al.</i> , "Endocardial Mapping of Ventricular Tachycardia in the Intact Human Ventricle: Evidence for Reentrant Mechanisms," <i>Journal of the American College of Cardiology</i> , Vol. 11, No. 4, pp. 783-91 (April 1988).	
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	NPL18	FANN, J., <i>et al.</i> , "Endocardial Activation Mapping and Endocardial Pace-Mapping Using a Balloon Apparatus," <i>Am. J. Cardiol.</i> , Vol. 55, pp. 1076-1083 (1985).	
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	NPL20	FENICI, R., <i>et al.</i> , "Catheter Ablation Of Cardiac Arrhythmias: Magnetocardiographic Localization Of Electrocatheters And Arrhythmogenic Foci," <i>8th International Congress "The New Frontiers of Arrhythmias," Marilleva, Italy</i> , pp. 723-731 (Jan. 31-Feb. 6, 1988).	

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (PART I) (Use as many sheets as necessary)				Application Number	10/706,484
				Filing Date	November 12, 2003
				First Named Inventor	Graydon Ernest Beatty
				Art Unit	3739
				Examiner Name	Lee S. Cohen
				Attorney Docket Number	0G-040023US
Sheet	3	of	3		

NON PATENT LITERATURE DOCUMENTS			
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	NPL21	FENICI, R., <i>et al.</i> , "Clinical Magnetocardiography: 10 Years Experience At The Catholic University," <i>International Journal of Cardiac Imaging</i> , Vol. 7, pp. 151-167 (1991).	
	NPL22	FENICI, R. and MELILLO, G., "Magnetocardiography: Ventricular Arrhythmias," <i>European Heart Journal</i> , vol. 14 (Suppl. E), pp. 53-60 (1993).	
	NPL23	HARADA, A., <i>et al.</i> , "Potential Distribution Mapping: New Method For Precise Localization Of Intramural Septal Origin Of Ventricular Tachycardia," <i>Circulation</i> , Vol. 78 (Suppl. III), No. 5, pp. III-137-III-147 (Nov. 1988).	
	NPL24	HAUER, R., <i>et al.</i> , "Endocardial Catheter Mapping: Validation Of A Cineradiographic Method For Accurate Localization Of Left Ventricular Sites," <i>Circulation</i> , Vol. 74, No. 4, pp. 862-868 (October 1986).	
	NPL25	HAUER, R., <i>et al.</i> , "Endocardial Catheter Mapping: Wire Skeleton Technique For Representation Of Computed Arrhythmogenic Sites Compared With Intraoperative Mapping," <i>Circulation</i> , Vol. 74, No. 6, pp. 1346-1354 (Dec. 1986).	
	NPL26	IDEKER, R., <i>et al.</i> , "A Computerized Method For The Rapid Display Of Ventricular Activation During The Intraoperative Study Of Arrhythmias," <i>Circulation</i> , Vol. 59, No. 3, pp. 449-458 (March 1979).	
	NPL27	IDEKER, R., <i>et al.</i> , "Simultaneous Multichannel Cardiac Mapping Systems," <i>PACE</i> , Vol. 10, pp. 281-292 (March-April 1987).	
	NPL28	IDEKER, R., "A Study To Evaluate The Ability Of A Multielectrode Intracavitary Probe To Determine The Site Of Origin Of Ventricular Tachycardia," <i>Basic Arrhythmia Laboratory, Engineering Research Center in Emerging Cardiovascular Technologies</i> , Duke University, pp. 1-3.	
	NPL29	JACKMAN, W., <i>et al.</i> , "New Catheter Technique For Recording Left Free-Wall Accessory Atrioventricular Pathway Activation: Identification Of Pathway Fiber Orientation," <i>Circulation</i> , Vol. 78, No. 3, pp. 598-611 (Sep. 1988).	
	NPL30	JOSEPHSON, M., <i>Clinical Cardiac Electrophysiology: Techniques and Interpretations</i> , 2nd ed., pp. 566-580, 608-615, and 770-783 (1993).	

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		First Named Inventor	Graydon Ernest Beatty
		Art Unit	3739
		Examiner Name	Lee S. Cohen
Sheet	1	of	5
		Attorney Docket Number	0G-040023US

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	NPL31	JOSEPHSON, M., <i>et al.</i> , "Comparison Of Endocardial Catheter Mapping With Intraoperative Mapping Of Ventricular Tachycardia," <i>Circulation</i> , Vol. 61, No. 2, pp. 395-404 (February 1980).	
	NPL32	JOSEPHSON, M., <i>et al.</i> , "Role Of Catheter Mapping In Evaluation Of Ventricular Tachycardia," <i>Ventricular Tachycardia - Mechanisms And Management</i> , pp. 309-330, Mt. Kisco, NY: Futura Publishing Co. (1982).	
	NPL33	JOSEPHSON, M., <i>et al.</i> , "Role Of Catheter Mapping In The Preoperative Evaluation Of Ventricular Tachycardia," <i>American Journal of Cardiology</i> , Vol. 40, pp. 207-220 (Jan. 1982).	
	NPL34	JOSEPHSON, M., <i>et al.</i> , "Ventricular Activation During Ventricular Endocardial Pacing. II. Role Of Pace-Mapping To Localize Origin Of Ventricular Tachycardia," <i>The American Journal of Cardiology</i> , Vol. 50, pp. 11-22, (July 1982).	
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	NPL36	KHOURY, D. and RUDY, Y., "A Model Study Of Volume Conductor Effects On Endocardial And Intracavitary Potentials," <i>Circulation Research</i> , Vol. 71, No. 3, pp. 511-525 (Sept. 1992).	
	NPL37	KHOURY, D. and RUDY, Y., "Reconstruction Of Endocardial Potentials From Intracavitary Probe Potentials: A Model Study," <i>IEEE 0276-6547/92</i> , pp. 9-12 (1992).	
	NPL38	KUN, S. and PEURA, R., "Conductance Volumetric Model Of An Eccentrically Positioned Catheter Within A Three-Compartment Ellipsoidal Ventricle," <i>IEEE Transactions on Biomedical Engineering</i> , Vol. 40, No. 6, pp. 589-592 (June 1993).	
	NPL39	LANGBERG, J., <i>et al.</i> , "The Echo-Transponder Electrode Catheter: A New Method For Mapping The Left Ventricle," <i>Journal of the American College of Cardiology</i> , Vol. 12, pp. 218-223 (July 1988).	
	NPL40	LAXER, C., <i>et al.</i> , "A Graphical Display System For Animating Mapped Cardiac Potentials," <i>Third Annual IEEE Symposium on Computer-Based Medical Systems</i> , IEEE Computer Society, pp. 197-204 (1990).	

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				First Named Inventor	Graydon Ernest Beatty
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				Examiner Name	Lee S. Cohen
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	NPL41	LU, S. and EIHO, S., "Compound 3-D Visualization Of Reconstructed Coronary Arteries, Left Ventricle And Aorta From Biplane X-Ray Angiograms," <i>Computers in Cardiology</i> , IEEE Computer Society Press, 0276-6547/92, pp. 535-538 (Oct. 11-14, 1992).	
	NPL42	MACCHI, E., <i>et al.</i> , Intracavitary Mapping: An Improved Method For Locating The Site Of Origin Of Ectopic Ventricular Beats By Means Of A Mathematical Model," <i>IEEE Engineering in Medicine & Biology Society 10th Annual International Conference</i> , pp. 0187-0188 (1988).	
	NPL43	MACCHI, E., <i>et al.</i> , "Localization Of Ventricular Ectopic Beats From Intracavitary Potential Distributions: An Inverse Model In Terms Of Sources," <i>IEEE Engineering in Medicine & Biology Society 11th Annual International Conference</i> , pp. 0191-0192 (1989).	
	NPL44	MASSE, S., <i>et al.</i> , "A Three-Dimensional Display For Cardiac Activation Mapping," <i>PACE</i> , Vol. 14, Part I, pp. 538-545 (April 1991).	
	NPL45	MOSHAGE, W., <i>et al.</i> , "Biomagnetic Localization Of Ventricular Arrhythmias," <i>Radiology</i> , Vol. 180, No. 3, pp. 685-692 (September 1991).	
	NPL46	MOURA, L., <i>et al.</i> , "A Microcomputer-Based Cardiac Mapping System For Recurrent Ventricular Tachycardia Surgery," <i>Computers in Cardiology</i> IEEE Computer Society Press, 0276-6547/92, pp. 431-434 (Oct. 11-14, 1992).	
	NPL47	PAGE, P., <i>et al.</i> , "Surgical Treatment Of Ventricular Tachycardia: Regional Cryoablation Guided By Computerized Epicardial And Endocardial Mapping," <i>Circulation</i> , Vol. 80 (Suppl. I), No. 3, pp. I-124-I-134 (Sep. 1989).	
	NPL48	PILKINGTON, T., <i>et al.</i> , "Feasibility Of Estimating Endocardial Potentials From Cavity Potentials," <i>IEEE Ninth Annual Conference of the Engineering in Medicine and Biology Society</i> , IEEE, pp.1875-1876 (1987).	
	NPL49	POGWIZD, S. and CORR, P., "Reentrant And Nonreentrant Mechanisms Contribute To Arrhythmogenesis During Early Myocardial Ischemia: Results Using Three-Dimensional Mapping," <i>Circulation Research</i> , Vol. 61, No. 3, pp. 352-371 (September 1987).	

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	NPL50	POLLAK, S., <i>et al.</i> , "Intraoperative Identification Of A Radiofrequency Lesion Allowing Validation Of Catheter Mapping Of Ventricular Tachycardia With A Computerized Balloon Mapping System," <i>PACE</i> , Vol. 15, pp. 854-858 (June 1992).	
	NPL51	POTRATZ, J., <i>et al.</i> , "Echocardiographic Guiding Of Catheter-Electrode During Endocardial Mapping To Determine Location Of Late Fractionated Potentials In Patients With Acute Myocardial Infarction," <i>European Heart Journal</i> , Vol. 12, Abstract Supplement p. 235, abstract 1242 (Aug. 1991).	
	NPL52	RUDY, Y. and PLONSEY, R., "Annotations: A Note On 'The Brody-Effect'," <i>J. Electrocardiology</i> , Vol. 11, No. 1, pp. 87-90 (1978).	
	NPL53	RUDY, Y. and PLONSEY, R., "The Eccentric Spheres Model As The Basis For A Study Of The Rule Of Geometry And Inhomogeneities In Electrocardiography," <i>IEEE Transactions on Biomedical Engineering</i> , Vol. BME-26, No. 7, pp. 392-399 (July 1979).	
	NPL54	RUDY, Y., <i>et al.</i> , "The Effects Of Variations In Conductivity And Geometrical Parameters On The Electrocardiogram, Using An Eccentric Spheres Model," <i>Circulation Research</i> , Vol. 44, No. 1, pp. 104-111 (January 1979).	
	NPL55	RUDY, Y. <i>et al.</i> , "Inverse Reconstruction Of Epicardial And Endocardial Potentials: The Use Of Temporal Information," <i>IEEE</i> , pp. 2006-2008 (1992).	
	NPL56	SIMPSON, E., <i>et al.</i> , "Three-Dimensional Visualization Of Electrical Variables In The Ventricular Wall Of The Heart," <i>IEEE</i> , TH0311-1/90, pp. 190-194, (1990).	
	NPL57	SMITH, W., <i>et al.</i> , "A Computer System for the Intraoperative Mapping of Ventricular Arrhythmias," <i>Computers and Biomedical Research, an International Journal</i> , Vol. 13, No. 1, pp. 61-72 (Feb. 1980).	
	NPL58	SMITH, W. and IDEKER, R., "Computer Techniques For Epicardial And Endocardial Mapping," <i>Progress in Cardiovascular Diseases</i> , Vol. 26, No. 1, pp. 15-32 (July/August 1983).	

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	NPL59	SPACH, M. and BARR R., "Analysis Of Ventricular Activation And Repolarization From Intramural And Epicardial Potential Distributions For Ectopic Beats In The Intact Dog," <i>Circulation Research</i> , Vol. 37, pp. 830-843 (December 1975).	
	NPL60	STELLBRINK, C., <i>et al.</i> , "Potential Of Intracardiac Ultrasonography As An Adjunct For Mapping And Ablation," <i>American Heart Journal</i> , Vol. 127, No. 4, Part 2, pp. 1095-1101 (April 1994).	
	NPL61	TACCARDI, B., <i>et al.</i> , "A New Intracavitary Probe For Detecting The Site Of Origin Of Ectopic Ventricular Beats During One Cardiac Cycle," <i>Circulation</i> , Vol. 75, No. 1, pp. 272-281 (Jan. 1987).	
	NPL62	TACCARDI, B., <i>et al.</i> , "Potential Distributions And Excitation Time Maps Recorded With High Spatial Resolution From The Entire Ventricular Surface Of Exposed Dog Hearts," <i>Computers in Cardiology</i> , IEEE Computer Society Press, 0276-6547/92, pp. 1-4 (Oct. 11-14, 1992).	
	NPL63	TANIGAWA, M., <i>et al.</i> , "Prolonged And Fractionated Right Atrial Electrograms During Sinus Rhythm In Patients With Paroxysmal Atrial Fibrillation And Sick Sinus Node Syndrome," <i>Journal of the American College of Cardiology</i> , Vol. 17, No. 2, pp. 403-408 (Feb. 1991).	
	NPL64	TWEDDELL, J., <i>et al.</i> , "Potential Mapping In Septal Tachycardia: Evaluation Of A New Intraoperative Mapping Technique," <i>Circulation</i> , Vol. 80 (Suppl. I), No. 3, pp. I-97- I-108 (September 1989).	
	NPL65	WITKOWSKI, F. and Corr P., "An Automated Simultaneous Transmural Cardiac Mapping System," <i>American Journal of Physiology</i> , Vol. 247, pp. H661-H668 (1984).	
	NPL66	YOUNG, M., <i>et al.</i> , "A Real-Time Data Acquisition System For The Display Of Three Dimensional Cardiac Activation Maps," <i>Computers in Cardiology</i> , IEEE Computer Society Press, 0276-6547/92, pp. 331-334 (Oct. 11-14, 1992).	
	NPL67	YUAN, S., <i>et al.</i> , "Localization Of Cardiac Arrhythmias: Conventional Noninvasive Methods," <i>International Journal of Cardiac Imaging</i> , Vol. 7, pp. 193-205 (1991).	

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	NPL68	SPENCER, K.C., "A Feasibility Study Of Determining The Position Of An Intracavitary Multielectrode Probe Via Impedance Measurements," Department Of Electrical Engineering In The Graduate School Of Duke University, 1991, pp. I-VII and 1-49.	
	NPL69	WOLF, P.D., "Development And Evaluation Of An Algorithm To Determine Boundary Geometry And Electrode Location From Impedance Measurements," Department Of Biomedical Engineering In The Graduate School Of Duke University, 1992, pp. I-VIII and 1-86.	
	NPL70	"New Catheter Will Find And Treat Cardiac Arrhythmias," WPI Journal, Summer 1993, 2 pages.	
	NPL71	"Quickhull Algorithm For Convex Hulls," ACM Transactions on Mathematical Software, Vol. 22, No. 4, Dec. 1996, 1 page.	
	NPL72	MENDLER, P., <i>et al.</i> , "Multichannel Recording Of Cardiac Potentials," Medical And Biological Engineering And Computing, Vol. 18, No. 5, September 1980, pp. 617-624.	

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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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